



## CGSIC - 45th Meeting Agenda

Long Beach Renaissance Hotel

Long Beach, California



This agenda is subject to change but is valid as of August 26th. Updates, if any, will be published as soon as they are available.

### Monday, 12 September 2005

- 08:00 Registration
- 09:00 Welcome & Opening Remarks - **CAPT Matt Blizzard, NAVCEN, Deputy Chair**
- 09:05 Policy/System Overview - **Mike Shaw, OST, CGSIC Chair**

#### **Policy Session - Mike Shaw, OST, CGSIC Chair**

- 09:20 U.S. National Space -based Position, Navigation, Timing (PNT) Policy - **John Augustine, OST**
- 09:40 GPS Radio Frequency Spectrum Policy - **James J. Miller, OST**
- 10:00 State Department Activities - Department of State
- 10:20 Break

#### **Systems Updates Session - CAPT Matt Blizzard, NAVCEN, Deputy Chair**

- 1045 GPS Constellation Status and Performance - **Lt. Rebecca Hamilton, 2SOPS**
- 1100 GPS Operations Center Update - **Maj Chuck Daniels, 2SOPS**
- 1115 GPS Modernization -
- 1130 NDGPS Program Update - **Len Allen, FRA**
- 1145 Q/A Panel (Presenters)
- 1200 Lunch (on your own)

#### **Systems Updates Session - cont'd**

- 1315 FAA Satellite Program Update - **FAA**
- 1335 Preliminary Evaluation of WAAS for Maritime Applications - **Karen Van Dyke, Volpe Center**
- 1355 L1C Update - Lt Lawrence Lenahan, **GPS JPO**
- 1410 GNSS User Assessment of GPS/Galileo Interoperability - **Dr. A. J. Van Dierendonck**
- 1430 Q/A Panel (Presenters)
- 1500 Break
- 1530 Discussion Panel - Emerging Techniques for Broadcasting Future GNSS Services - Moderator - **Ruth Neilan, NASA JPL**

#### **Subcommittee Reports**

- 1640 Report from International Subcommittee - **John Wilde**
- Report from Timing Subcommittee - **Dr. Wlodzimierz Lewandowski, BIPM**
- Report from U.S. States and Localities Subcommittee - **Rudy Persaud, FHWA**
- Report from CORS User Forum - **Richard Snay, NGS**

#### **End of Meeting Day**

- 1700
- 1715 **Executive Board Meeting**

**Tuesday, 13 September 2005**

0815 Registration

**Concurrent Sessions: Timing and U.S. States and Localities****Timing Session -**

0900 Introduction- **Dr. Wlodzimierz Lewandowski, BIPM**  
 0915 Report from NIST- **Victor Zhang, NIST**  
 0930 USNO Report - **Demetrios Matsakis,**  
 0945 Time for Galileo - **Ed Powers, USNO**  
 1010 Break  
 1030 Remote realization of UTC(NIST) with a frequency uncertainty of less than 10<sup>-14</sup> - **Judah Levine, NIST**  
 1045 Title TBD - **Bill Klepczynski, State Department**  
 1100 Report from APL - **Greg Weaver, APL**  
 1115 Discussion  
 1130 Session End

**U.S. States and Localities Session - Rudy Persaud, Federal Highway Administration**

0900 09:00 Open meeting and Introduction  
 Use of P25 digital, narrowband radio, and GPS Digital photo watermarking and linking Photo link, and mobile mapping using moving map displays, **Karl Brown, USGS, Center for Biological Informatics.**  
 0915  
 Alaska AML Programs: GPS applications and test results, **Roger Allely, AK Dept of Nat. Resources**  
 0940  
 GPS - Automated Travel Diary, **Leo Gallagher, California Dept. of Transportation**  
 1000  
 Break  
 1020  
 Summary of Real -Time network Initiatives for the Pacific Northwest, **Gavin Schrock, Seattle Public Utilities**  
 1050  
 NDGPS Update, **Leonard Allen, Intelligent Railroad Systems, FRA**  
 1110  
 Discussion & election of Subcommittee Chair  
 1125  
 Session end  
 1140

**Afternoon Concurrent Sessions: International and CORS User Forum****International Session - John Wilde, Chair**

1300 13:00 Glonass update - **Sergey Revnivkykh (Russian Federal Space Agency)**  
 1320 Galileo update - **tbd (representative of Galileo Joint Undertaking)**  
 1340 Japan Country Report - **Mr Hiroshi Nishiguchi (Japan GPS Council)**  
 1400 Australia Country Report - **tbd (representative of Air Services Australia)**  
 1415 GPS news from Poland and the Central European Initiative - **Professor Janusz Sledzinski (Warsaw University of Technology)**  
 1430 Break  
 1500 Analysis of the probabilities of the availability of navigation guidance for NPA due to random failure of GPS satellites - **Brian O'Keeffe (Adjunct Professor, FANS PLANS P/L)**

DO -229 and TSO -C145/6 receivers outside the WAAS service area - **Brian O’Keeffe (Adjunct Professor, FANS PLANS P/L)**

eNavigation: The way ahead for the maritime sector? - **Dr. Sally Basker (Trinity House, UK)**

The Centre for Satellite Navigation. A new way for academic collaboration in the UK - **Professor Terry Moore (IESSG)**

"A New Algorithm to Determine the Effect of Satellite Geometry and Biases on Integrity Risks"  
New developments in RAIM algorithms - **Rigas Ioannides (ISN, University of Leeds, UK)**

Discussion

Session End

### **CORS User Forum - Chair, Richard Snay, National Geodetic Survey**

CORS/OPUS: Overview and Status - **Richard Snay, NOAA’s National Geodetic Survey**

EarthScope’s Plate Boundary Observatory - **Mike Jackson, UNAVCO, Inc.**

Post -Processing Versus Real -Time GNSS—Challenging Perspectives for CORS - **Georg Weber, German Federal Agency for Cartography and Geodesy**

The International GNSS Service - - - Progress Towards Real -Time - **Mark Caissy, Natural Resources Canada**

CORS/OPUS: Future Prospects - **TBD, NOAA’s National Geodetic Survey**

Question/Answer Session with the Panel of Speakers

Break

Interactive Sessions within Small Discussion Groups

**Session and Meeting End**